

Mines and Mining Stocks

AFTER THE ORE IN THE MONTANA SMELTERS RUN HIGH CUTS GREAT LEDGE

Double Compartment and Manway Shaft Is Started on Prospective Bonanza.

It required only a few hours for the management of the Montana Mining company to get busy at Tintic after the selection of the spot at which the shaft should be sunk. Ground was broken Saturday and the work of putting down a double compartment and manway shaft is now well under way. John Roundy, general superintendent of all the Knight mines at Tintic, who is going to direct the development of the Montana ground, is about the most pleased man in Tintic to think that he and his associates were able to round up this splendid East Tintic proposition.

Mr. Roundy declares that he has had his eye on this particular block of ground for a long time and, as he considers that it covers the finest surface indications of a mine that he ever saw in the district, he is most sanguine of results. What is termed at camp the "Lily zone," with its prominent north-south fissures, with the usual east and west crossbreaks, is found so prominently displayed in the territory owned by the Montana company, that there is apparently nothing to do but simply go down and get the ore. It has been Mr. Roundy's good fortune to have been responsible for the opening up of nearly all the Tintic mines that have made the name of Knight a household word and his decision to sink a shaft of the character described would never have been reached unless he felt sure of his premises.

FELLOWSHIP STUDENT WRITES ON CYANIDATION

An elaborate article on the cyanidation of silver ores by T. P. Holt, the present holder of the Wall research fellowship at the university, appeared in the last issue of the Mining and Scientific Press. The article gives the results of the experiments of Mr. Holt which he performed during the last year while holding the fellowship, and they are of great value in solving the problems connected with the application of the cyanide process to silver ores. Mr. Holt has prepared two tables showing the results of his experiments. The first table shows the weight of the silver dissolved, the weight of the cyanide used and the per cent of silver dissolved. The second table shows the results of one hundred and four experiments.

Mr. Holt has done all his work in the metallurgical building at the university under the supervision of Prof. R. H. Bradford. Most of his ores were selected from the university museum. He is at present preparing another report of similar investigations along these lines.

Ore and Bullion.

One and half settlements in this city yesterday, as reported by McCormick & Co., amounted to \$70,000, as follows: Silver, lead, gold and copper ores, \$30,000; base bullion, \$40,000.

Stocks in San Francisco.

The closing quotations on Nevada stocks in San Francisco yesterday, as reported over the private wires of James A. Pollock & Co., were as follows:

COMESTOCK	Bid.	Asked.
Ophir	1.15	\$1.17 1/2
Mexican	.74	.75
Gold & Curry	.68	.69
Consolidated Virginia	.61	.62
Savage	.19	.20
Sierra Nevada	.16	.18
Eschschuer	.24	.25
Union	.22	.23
Chollar	.02	.03
Potosi	.10	.11
TONOPAH		
Montana Tonopah	.68	.69
Tonopah Extension	.50	.55
MacNamara	.21	.22
Midway	.19	.20
Tonopah Belmont	1.00	1.02 1/2
Jim Butler	.16	.17
GOLDFIELD		
Columbia Mountain	.15	.16
Junio Extension	.17	.18
Booth	.21	.23
Blue Bull	.10	.11
Silver Pluck	.22	.23
Blue Bell	.04	.05
Oro	.10	.11
Atlanta	.15	.16
Great Bend	.15	.16
Florence	3.40	.40
Goldfield Daily	.41	.43
Combination Daily	1.10	1.12 1/2
Keweenaw	.14	.17
Crackerjack	.02	.04
P. Mohawk	.07	.11
Red Hills	.11	.12
Y. Tiger	.11	.12
Goldfield Consolidated	8.40	8.42 1/2
C. O. D.	.19	.20
BULLFROG		
Amethyst	.45	.46
Bonnie Clara	.45	.46
Mayflower Consolidated	.10	.11
Montgomery Mountain	.06	.08
Trump Consolidated	.02	.03
MANHATTAN		
Manhattan Consolidated	.05	.06
S. Humphrey	.03	.04
Pineau	.02	.04
Mineral Hill	.02	.04
OTHER DISTRICTS		
Fairview Eagle	.50	.51
Nevada Hills	1.30	1.32 1/2
Pittsburg Silver Peak	.80	.85
Round Mountain	.80	.85
Rawhide Queen	.25	.26
Rawhide Queen Regent	.20	.21
Rawhide Coalition	.34	.35

Would \$40 be too much for a perfect white, bright, snappy diamond that weighed 1-4 carat, set in 14-carat gold wire ring? No, not if it was McConahay's price.

64 MAIN ST.

Farmers Get Final Quietus at Hands of Judge Hunt in Federal Court.

Butte, April 26.—Judge William H. Hunt, in the federal court today, dismissed the bill in the action brought in the name of Fred J. Bliss against the Anaconda and Washoe companies to close down the great smelting plant at Anaconda. Each side will pay its own costs, which are said to aggregate about half a million dollars. This order disposes of the famous "smoke" case begun three years ago by the farmers of the Deer Lodge valley, who claimed they were being damaged by the fumes from the smelter, and who demanded an injunction closing down the work. The main issue was decided last February when Judge Hunt denied the injunction. In supplementary proceedings, however, the court heard testimony on the part of the smelter company with a view to ascertaining whether everything was being done to eliminate the arsenic from the smoke at Anaconda. Counsel for Bliss had an opportunity on April 19 to combat the evidence introduced on Feb. 15, but offered no proof. Instead, they submitted an offer to arbitrate, provided that the defendants would be bound to include all the farmers who had contributed to the prosecution in the case, Bliss alone being the complainant of record.

Judge Hunt today declared the offer to arbitrate wholly irrelevant. He held that the decision in the Highland Roy case in Utah, on which Bliss relied, was not applicable, and that the defendants were doing all that science could suggest to abate the smoke trouble. The decision is entirely in favor of the defendants, and the only relief to which the complainant is entitled, if entitled to any, is through action for damages or other proper suit.

TONOPAH BELMONT MAKES RICH STRIKE

In the Belmont, at a depth of 1,100 feet, a strike has been made that has already secured the name of a Tonopah message. The values were found in a crosscut from the bottom of a 100-foot inclined shaft which latter starts from the 1,000 level. Although the strike was not made to discuss the find, they admit that the ore at the point named is the richest ever encountered in the property.

The strike is said to be the deepest yet made in Tonopah, and goes to show that the value of the deposits increases with depth. Work now under way will give the Belmont 1,500 feet of vertical depth from the richest shaft ever encountered in the property.

PARK CITY'S OUTPUT FOR THE PAST WEEK

Following is the output of Park City mines for the past week, as reported by the Record:

Silver King	1,150,000
Daily West	1,482,500
Daily-June	71,000
Daily-June (zinc)	750,000
Total, pounds	4,313,500

BOSTON AND NEW YORK STOCK MARKET REPORTS

Following is the daily market comment of Paine, Webber & Co. Boston, together with the range of prices of copper, silver and other Boston listings in which the west is interested, as well as a similar report on New York curb transactions, by the Boston Herald.

Boston, April 26.—The feature of the local market today was the sharp break in North Butte. The stock opened relatively strong this morning at \$3, but heavy selling came in and the price broke to \$2.50, closing on the bottom. The decline was steady all day, with scarcely a half point rally at any time during the session. Stop orders were caught on each point down, and frightened holders on margins were obliged to sell. There was no evidence of any support and it certainly looks as if the stock would go lower tomorrow. The balance of the list was quiet and strong until just at the close, but we think the weakness in North Butte must affect others and that the whole list will sell lower tomorrow. We repeat our advice to sell the New York rails, to lighten all accounts carrying coppers and industrials.

Boston Copper Stocks.

Sales Open High Low Close	
Butte & London	12 1/2 12 3/4 12 1/2 12 3/4
Cumberland Ely	1.62 1.64 1.62 1.64
Groux Consolidated	8.90 8.92 8.90 8.92
Nevada Utah	20.82 20.84 20.82 20.84
Nipissing	2.30 2.32 2.30 2.32
Newhouse	10.24 10.26 10.24 10.26
Tennessee Copper	41.50 41.52 41.50 41.52
Utah Copper	47.00 47.02 47.00 47.02
Davis Daly	2.94 2.96 2.94 2.96
Domestic Copper	.96 1.00 1.00 1.00
Ely Central	.62 1.00 1.00 1.00
Ely Consolidated	.62 1.00 1.00 1.00
Furnace Creek	.10 .12 .12 .12
Greene G. & S. com.	.02 .06 .06 .06
Montgomery Shoshone	1.50 1.52 1.50 1.52
Nevada Smelting	.87 1.00 1.00 1.00
Silver Queen	.45 .46 .45 .46
Crocker-Hughes	11.40 11.42 11.40 11.42
King Edward	.50 .62 1.00 1.00
Forster Cobalt	.31 .35 .35 .35
Cobalt Central	.30 .32 .32 .32
McKinley-Darragh	.40 .42 .42 .42
Tintic Mining	2.00 2.50 2.50 2.50
Grubbs	.01 .05 .05 .05
Ray Consolidated	18.50 18.60 18.50 18.60
Inspiration	5.50 5.62 5.50 5.62
First National City	8.30 8.32 8.30 8.32
Boston Consolidated	12.25 12.27 12.25 12.27
Yukon Gold	4.25 4.27 4.25 4.27
North Butte Extension	14.87 14.89 14.87 14.89
Miami Copper	1.12 1.14 1.12 1.14
Bay State Gas	1.12 1.14 1.12 1.14
Pennsylvania	.03 .05 .05 .05

New York Curb Close.

Bid.	Asked.
Butte & London	12 1/2 12 3/4
Cumberland Ely	1.62 1.64
Groux Consolidated	8.90 8.92
Nevada Utah	20.82 20.84
Nipissing	2.30 2.32
Newhouse	10.24 10.26
Tennessee Copper	41.50 41.52
Utah Copper	47.00 47.02
Davis Daly	2.94 2.96
Domestic Copper	.96 1.00
Ely Central	.62 1.00
Ely Consolidated	.62 1.00
Furnace Creek	.10 .12
Greene G. & S. com.	.02 .06
Montgomery Shoshone	1.50 1.52
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Property West of Eureka Lily, Owned by Knight Crowd, Gets Ore on 200 Level.

At the face of the 500-foot drift west on the 200-foot level of the Big Hill Mining company's property at Tintic, a 12-foot ledge has been tapped and, while no assays had been received on the rock up to yesterday afternoon, it is believed by the management that it will result in the making of a big mine of the property. The rock is mined at present, but it is stated that both silver and lead make through it in such shape as to suggest substantial results in development.

The directors of the company met in Provo during the afternoon and levied an assessment of 1 cent a share in order that the work might be pushed. In supplementary proceedings, however, the question of equipping the shaft with a good plant of machinery was also discussed, but it was finally decided to go along with the whim hoist now doing service until such time as the strike had been sufficiently proven up to justify the outlay.

The Big Hill is one of the Knight properties located in the East Tintic district, west of the Eureka Lily. The strike news hit town by the time the stock exchange was in afternoon session and the price of the stock moved up a couple of cents a share as a result. There is lots of news ripening in the East Tintic district, and it begins to look more and more as if that section of the Tintic region was in for the next boom.

PITTSBURG-SILVER PEAK ONE OF WORLD'S BIG MINES

A statement has just been issued by the Pittsburgh-Silver Peak Mining company, which shows it to be a whale of a proposition. The company's output in February, which shows it to be a whale of a proposition. The company's output in February, which shows it to be a whale of a proposition. The company's output in February, which shows it to be a whale of a proposition.

During January the bullion receipts were \$2,844. In February, the short month, they were \$3,156.37, while in March they reached \$8,837.25. The operating expenses for each month were a little over \$40,000, making the net earnings for the three months \$18,145.62, or nearly half a million dollars in a year. The average number of stamps dropping was 36 1/2.

The annual output of the company will be held May 4 at 90 Market street, Wilmington, Delaware.

The company now has its electrical underground installed and its 1400-foot upraise completed, making it possible to deliver 150 tons daily, the work of 20 stamps, for the next twenty years at not to exceed the present operating expenses.

LOOKS AS IF MASON VALLEY WAS IN NO BIG HURRY

While the developments at the Mason Valley property in Nevada have been such as to warrant the sinking of a smelting plant, and it has been decided by the management that such a plant will be built, it will probably be a year before work is actually started, says the Boston News Bureau.

There are about 600,000 tons of 4 per cent ore in sight at the present time, and it is planned to have 2,000,000 tons of ore in sight before building the plant.

The company has 23,000 shares of stock remaining in its treasury, 70,000 shares outstanding, and it is believed that this treasury stock can be sold at a sufficient price to meet the company's financial needs.

GOLD BULLION FROM THE ROUND MOUNTAIN

Fifteen thousand dollars in gold bullion was received by the John S. Cook bank yesterday from the property of the Round Mountain Mining company at Round Mountain, says the Oakland Tribune.

The precious stuff was sent across the desert by auto and was carefully guarded en route. This total represents the clean-up of less than two weeks. It is said, and the future production will be materially increased. The company will be in a position to move its output to 150 tons a day, soon as the electrical power is brought into that camp.

Metal Market.

Silver, 52c per ounce.
Copper (cathodes), 12 7/8c per pound.
Lead, \$4.20 per 100 pounds.

Mining Notes.

Seven carloads of ore from Utah mines were released from the Pioneer smelters yesterday morning.

General Manager Thomas Kearns of the Beaver King Coalition company has just returned from a visit at his California ranch that extended over several weeks.

The Federal Ely Coal company has just received an assessment of 2c a share that will be delinquent June 1. Sale day is fixed for July 1.

General Manager Duncan MacVichie of the Western Utah Coal company returned from camp Saturday night. He stated yesterday that he was not yet ready to talk about the property or what he had been doing at camp.

Lead is quoted at \$4.20 per 100 pounds as this week's settling basis by the American Smelting and Refining company. This is an advance of 2 1/2 cents over last week. The settling basis of copper remains unchanged at 12 7/8c per pound.

Clinton McIntosh, manager of the Ohio Copper company's properties, who has been on a business and pleasure trip to the coast for the past ten days, accompanied by Mrs. McIntosh, reached home again yesterday afternoon.

During the open board trading on 'change yesterday, Utah Treasures Hill sold at 17 1/2c per share. Beaver Combination was offered at 10c, and 15c was bid for Montana of Tintic, these being the only untraded stocks mentioned.

Things are getting to look so interesting in the Columbus Consolidated that it is hard work for Manager Tony Jacobson to content himself away from the mine. He spent several days there last week, and expects to go up again today or tomorrow.

The Ohio Copper and the General Electric company offices are being moved from the Dooly to the Newhouse skyscraper, eighth floor, this week. The Taylor & Brunner sampling works office moved yesterday, and the United States Smelting, Refining & Mining company is "on the way."

Humboldt Star.—A report was received yesterday in Winnemucca, but the details cannot be ascertained, of a very rich gold strike which was made a few days ago on what is known as the Denison property at Chafey. The scene of the strike is in the very heart of the district, the property being in close proximity to the Black Horse mine.

Manager L. A. Friedman of the Seven Troughs Coalition properties came in from camp yesterday on his way to Idaho. He was so busy between trains that he did not find a chance to discuss Seven Troughs matters other than to say that, while the camp was dull, a great deal of work was going on and lots of ore was being mined. The new custom mill has been started and will soon be grinding away steadily. "Wait till I come back," said Mr. Friedman, "and then I will tell you all about it."

MINING STOCK EXCHANGE.

Week Begins With Market Strong and Trading Heavy.

This is a great market for mining stocks. Last week it was shot all to pieces through the heavy slump in iron, but it was not until Saturday that a little daylight began to penetrate the deep gloom that had fallen on the exchange. Yesterday morning things were started with a rush that was kept up throughout the day. There was hardly a stock in the active list that did not record an advance, and nearly fifty different stocks advanced. There was a little slowing down toward the close, but that was to have been expected.

The annual regular and open board calls a total of 236,858 shares of stock, with a selling value of \$142,896.00, changed hands. Following is the list of final quotations and record of sales made during the day:

Forenoon	Bid.	Asked.	Afternoon	Bid.	Asked.
Addie	.50	.51	.50	.51	.51
Ajax	.47 1/2	.48 1/2	.47	.48	.48
Beck Tunnel	.47 1/2	.48 1/2	.47	.48	.48
Big Hill	.47 1/2	.48 1/2	.47	.48	.48
Black Jack	.32	.33	.32 1/2	.33	.33
Bon Brier	.02	.03	.02	.03	.03
Boston Con.	11.50	13.00	.67 1/2	.68	.68
Bullock	.06	.06 1/2	.06	.06 1/2	.06 1/2
Camp Bird	.04	.04 1/2	.04	.04 1/2	.04 1/2
Carissa	.84	.85	.82	.84	.84
Cent. Mam.	.06 1/2	.07 1/2	.06	.06 1/2	.06 1/2
Century	.05	.05 1/2	.05	.05 1/2	.05 1/2
Colum. Con.	2.50	2.55	.67 1/2	.68	.68
Crown Point	16 1/2	17	16	17	17
Day Judge	4.40	4.75	4.35	4.75	4.75
Deer Lodge	.27	.28	.27	.28	.28
Drom. Hump	.03 1/2	.04	.03 1/2	.04	.04
E. C. Point	.03 1/2	.04	.03 1/2	.04	.04
E. T. Dev.	.19	.20	.19	.20	.20
E. T. G. K.	.01	.01 1/2	.01	.01 1/2	.01 1/2
Emerald	.10	.11	.10	.11	.11
Galena	.25	.26	.25	.26	.26
Godiva	.40	.41	.40	.41	.41
Gold Daisy	.40	.41	.40	.41	.41
Grubbs	1.50	1.65	1.50	1.65	1.65
Gruttl	.05	.06	.05 1/2	.06	.06
Ibex Gold	.10	.11	.10	.11	.11
Ind. Queen	.08 1/2	.09	.08 1/2	.09	.09
Ingo	.06 1/2	.07	.06 1/2	.07	.07
Inyo Gold	.06 1/2	.07	.06 1/2	.07	.07
Iron Blossom	1.75	1.75	1.70	1.72 1/2	1.72 1/2
Iron King	.60	.61	.60	.61	.61
Joe Boyer	.38	.39	.38	.39	.39
Keystone	.43	.44	.43	.44	.44
King David	.43	.44	.43	.44	.44
King Wm.	.43	.44	.43	.44	.44
Lehi Tintic	.07	.08	.07	.08	.08
Little Bell	1.70	2.00	1.70	2.00	2.00
Lion Hill	.37	.38	.37	.38	.38
Lion Hill	.37	.38	.37	.38	.38
L. Mammoth	.23	.24	.23	.24	.24
Majestic M.	.32	.33	.32	.33	.33
Mason Val.	3.12 1/2	3.15	3.10	3.12 1/2	3.12 1/2
May Day	.23	.24	.23	.24	.24
Miller Hill	.40	.41	.40	.41	.41
Mineral Flat	.30	.31	.30	.31	.31
Mtn. Lake	.31 1/2	.32 1/2	.31 1/2	.32 1/2	.32 1/2
Mtn. L. Ext.	.04 1/2	.05	.04 1/2	.05	.05
Nev. Fair	1.25	1.30	1.20	1.25	1.25
Newhouse	2.65	3.00	2.75	3.25	3.25
New York	.06 1/2	.07	.06 1/2	.07	.07</